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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet One of One

Complete if Known

Application Number	10/083,282
Filing Date	02/26/2002
First Named Inventor	Christopher Jones
Art Unit	2878
Examiner Name	Otilia GaBor
Attorney Docket Number	1391-27800

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
OG		US- 6,483,589	11-19-2002	Suzuki	
OG		US- 2001/0025927	10-04-2001	Ankerhold	
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FOREIGN PATENT DOCUMENTS

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OG		EP 0 426 232 A2	04-08-91	Services Petroliers Schlumberger		

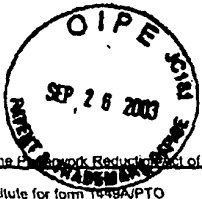
Examiner Signature	<u>Otilia GaBor</u>	Date Considered	<u>11/19/03</u>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet TWO of TWO

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Attorney Docket Number	1391-27800

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		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

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OG		JP9297061.	07-27-1999	Japan Radio Co. Ltd.		
OG		JP11094737.	04-09-1999	Aloka Co. Ltd.		

Examiner Signature	<i>Otilia GaBor</i>	Date Considered	11/19/02
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*EXAMINER: Initial 4-reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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		Number-Kind Code ² (if known)			
OG		US- 4,492,862	01-08-1985	Grynberg et al.	
OG		US- 4,517,461	05-14-1985	Crandall	
OG		US- 6,202,470	03-20-2001	Chou	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
OG		EP1111370 .	06-27-2001	Nippon Oxygen Co. Ltd.		
OG		EP1111369 .	06-27-2001	Nippon Oxygen Co. Ltd.		
OG		JP4364442 ✓	12-16-1992	Japan Radio Co. Ltd.		
OG		JP5340872 .	12-24-1993	Japan Radio Co. Ltd.		
OG		JP6018411 .	01-25-1994	Japan Radio Co. Ltd.		

Examiner Signature	<i>Otilia GaBor</i>	Date Considered	11/19/03
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